

FIG.2 DVD 500a 501a HOME BASIC PROGRAM 502a PORTABLE BASIC PROGRAM 503a GENERAL IMAGE DATA 504a GENERAL CHARACTER OBJECT DATA 505a GENERAL ATTACK OBJECT DATA 506a GENERAL BACKGROUND OBJECT DATA 1 507a GENERAL BACKGROUND OBJECT DATA 2° 520a SERIAL ID ,500b 501b HOME BASIC PROGRAM 503b GENERAL IMAGE DATA 504b GENERAL CHARACTER OBJECT DATA 505b GENERAL ATTACK OBJECT DATA 506b GENERAL BACKGROUND OBJECT DATA 1 507b GENERAL BACKGROUND OBJECT DATA 2 520b SERIAL ID

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FIG.3

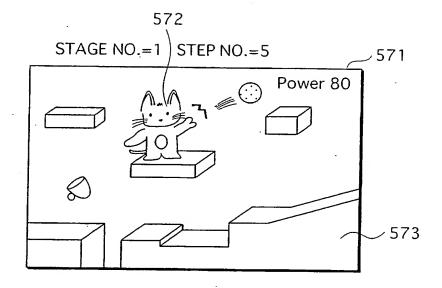
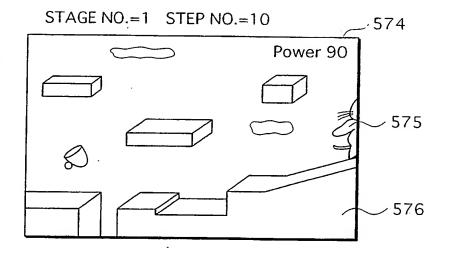
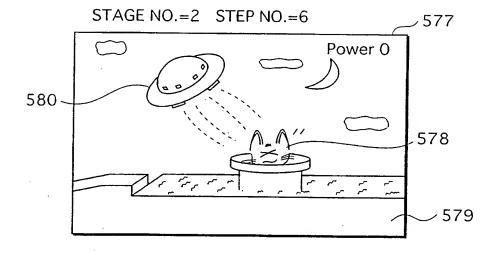


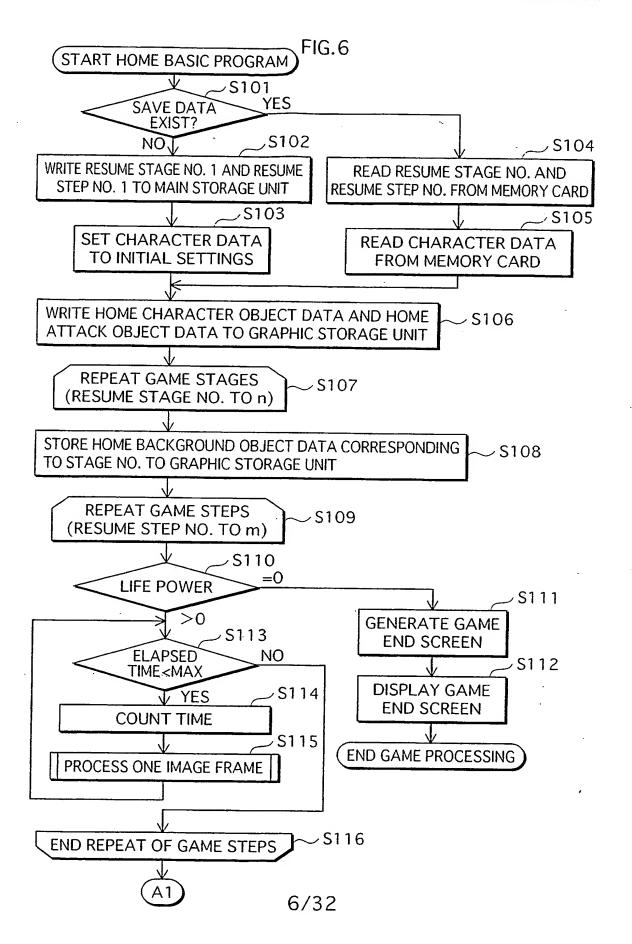
FIG.4



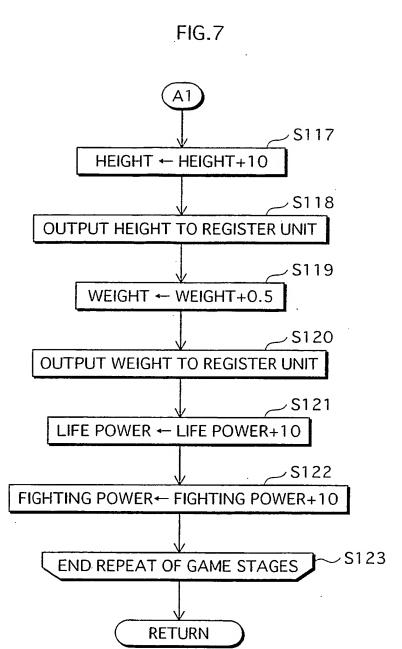
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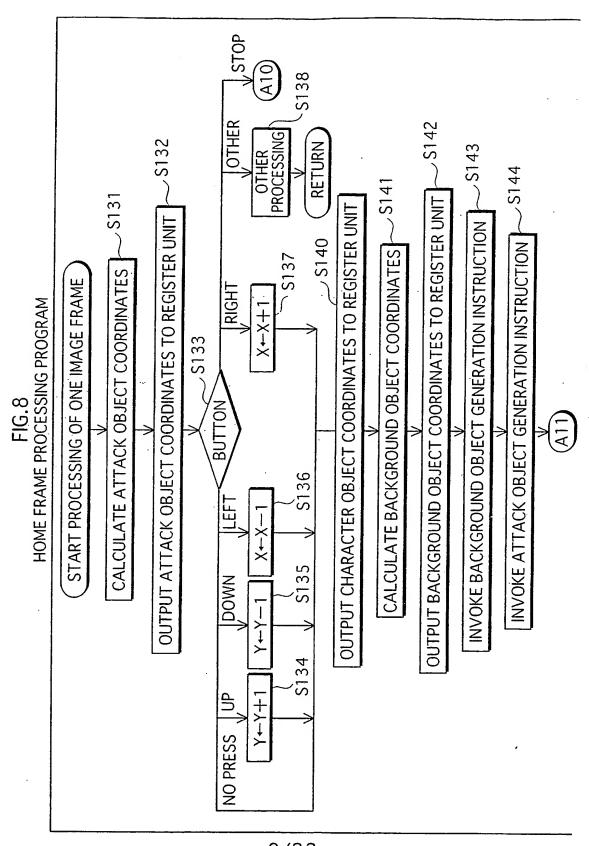
FIG.5





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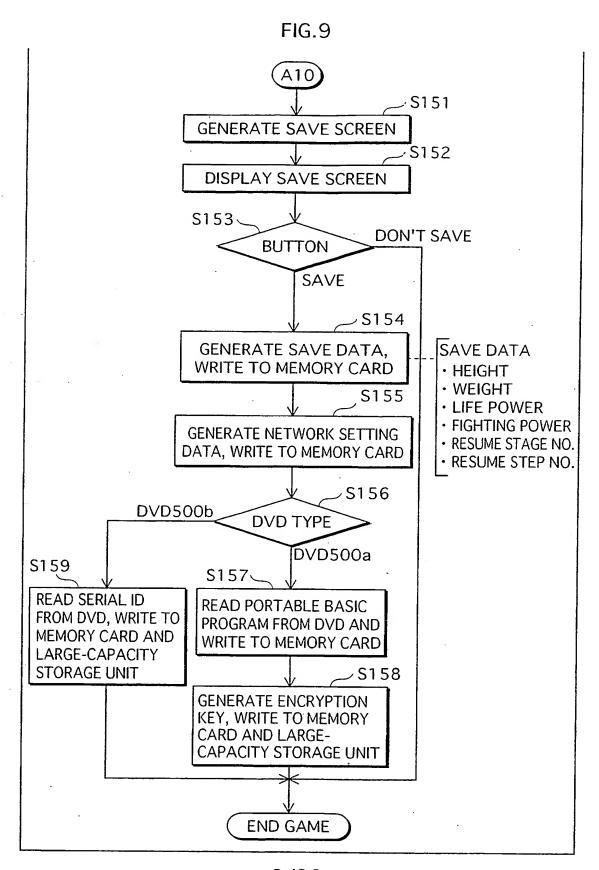


FIG. 10

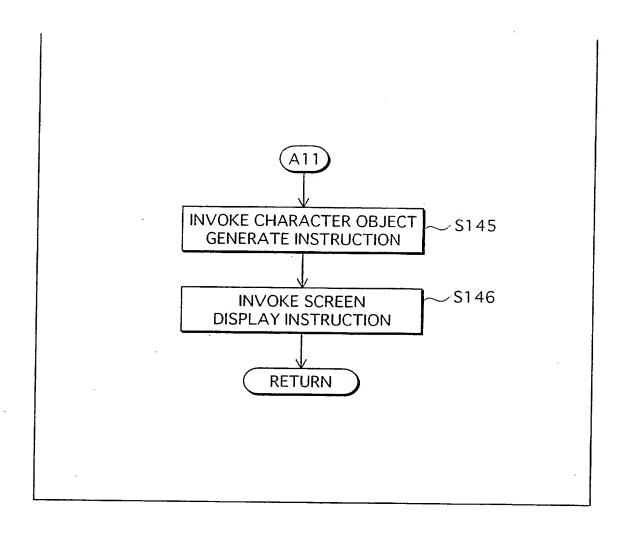


FIG. 11 HOME IMAGE GENERATION PROGRAM START PROCESSING BY GRAPHIC CONTROL UNIT RECEIVE IMAGE REQUEST -S301 FROM MAIN CONTROL UNIT √S302 READ INSTRUCTION FROM REGISTER UNIT S303 YES SCREEN DISPLAY INSTRUCTION ·S304 TRANSFER FRAME NO **IMAGE FROM FRAME BUFFER TO VRAM** READ COORDINATE DATA S305 OF CORRESPONDING OBJECT FROM REGISTER UNIT READ HOME OBJECT DATA OF S306 CORRESPONDING OBJECT FROM GRAPHIC STORAGE UNIT √S307 CHARACTER YES **OBJECT** √S308 NO READ CHARACTER DATA FROM REGISTER UNIT CONVERT IMAGE DATA BY PERSPECTIVE S309 PROJECTION, GENERATE 2D IMAGE DATA HIDDEN SURFACE REMOVAL ンS310 AND HIDDEN LINE REMOVAL S311 GENERATE SHADOW DATA

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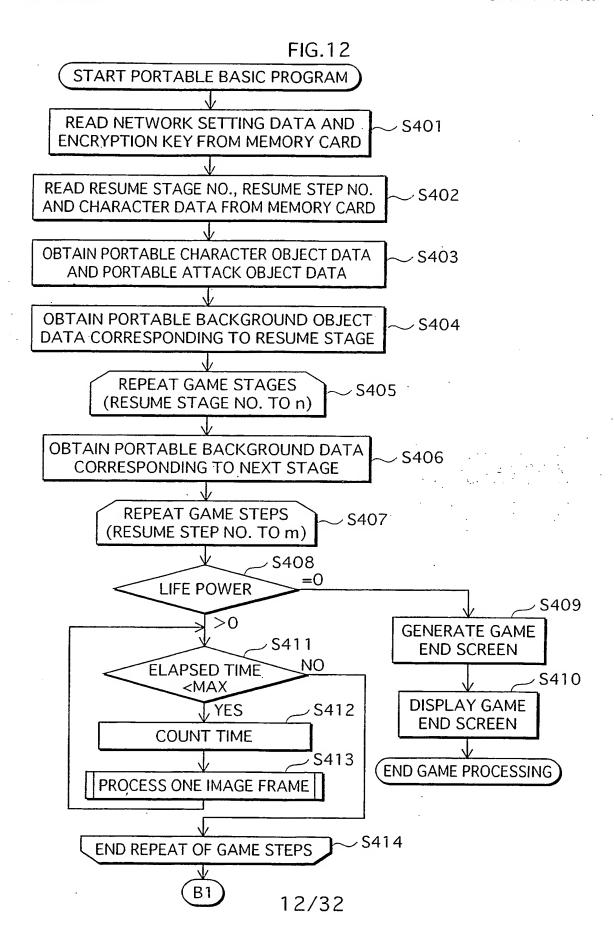


FIG.13

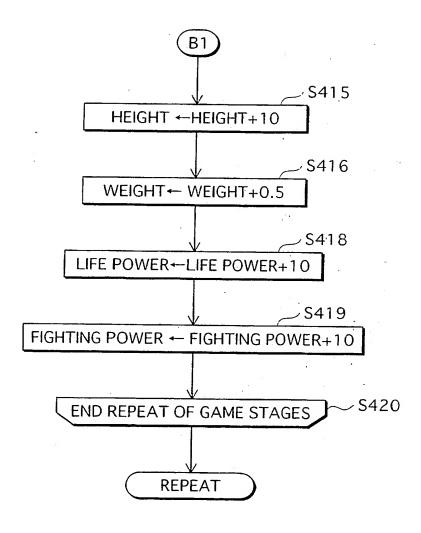


FIG. 15

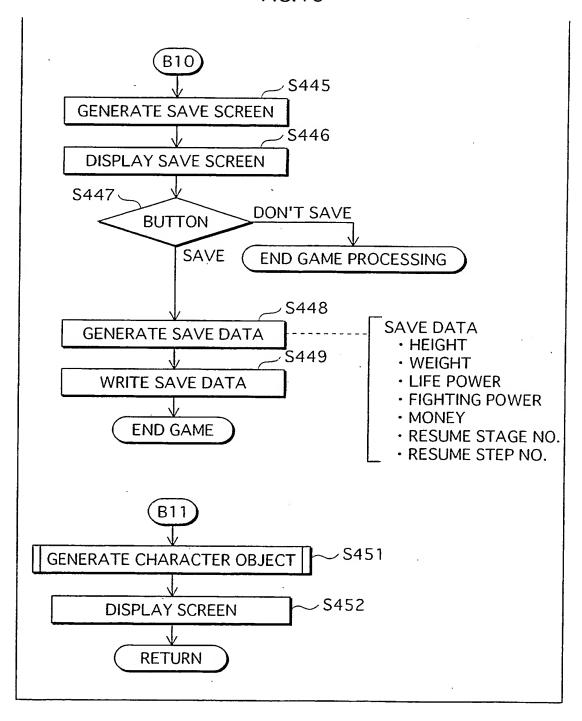
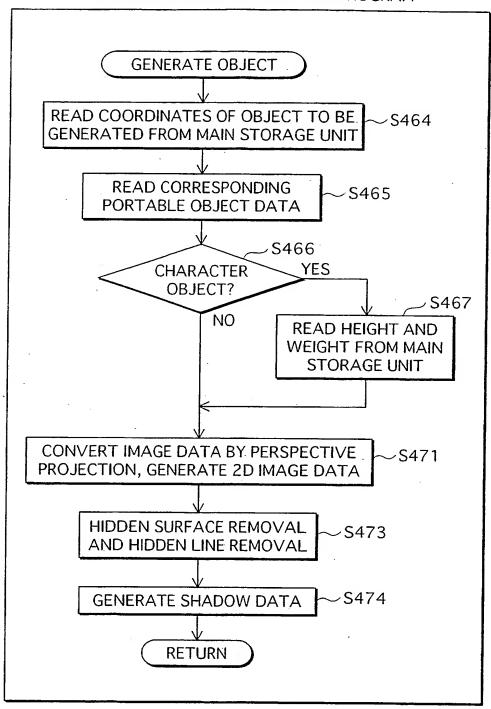
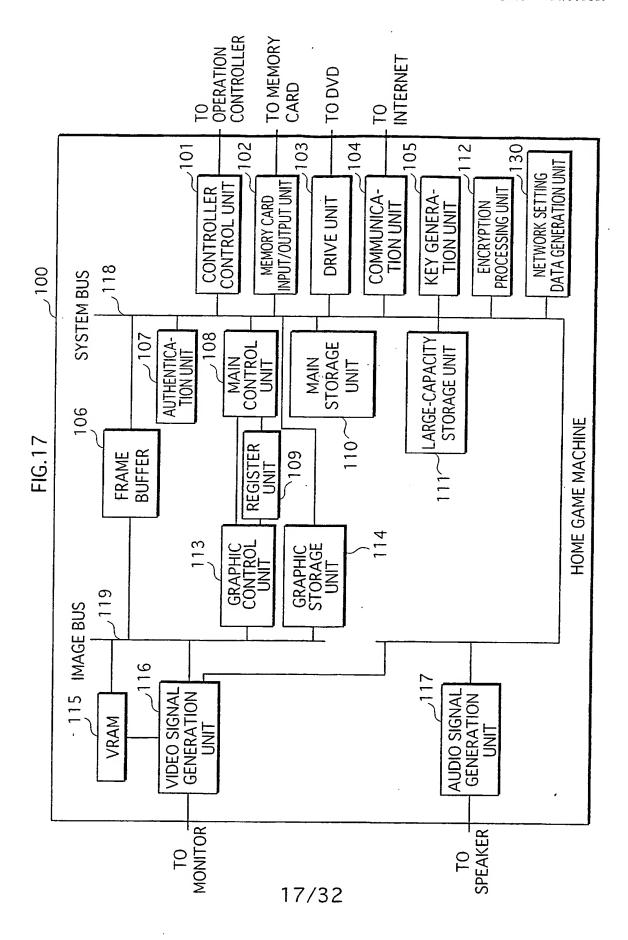


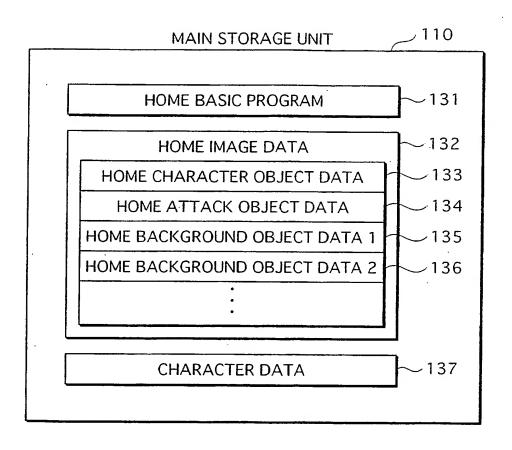
FIG. 16
PORTABLE IMAGE GENERATION PROGRAM



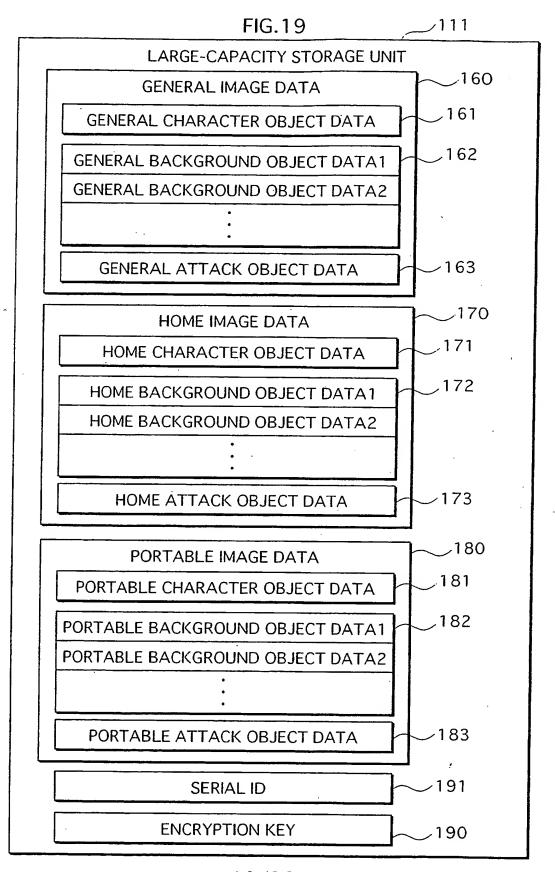


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FIG.18



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FIG.20

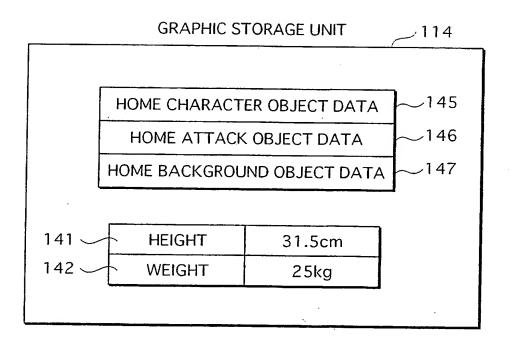
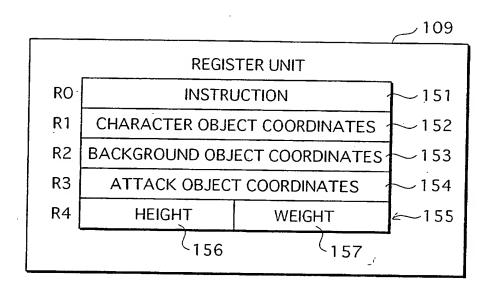


FIG.21

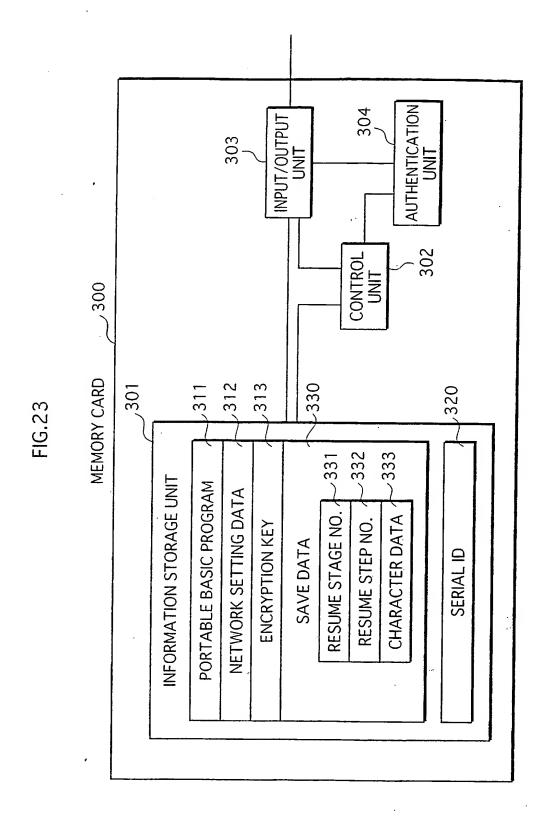


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## FIG.22

## **INSTRUCTION TYPES**

CHARACTER OBJECT GENERATION INSTRUCTION	<u> </u>
BACKGROUND OBJECT GENERATION INSTRUCTION	~~157
ATTACK OBJECT INSTRUCTION	~~158
SCREEN DISPLAY INSTRUCTION	<b>∼</b> 159



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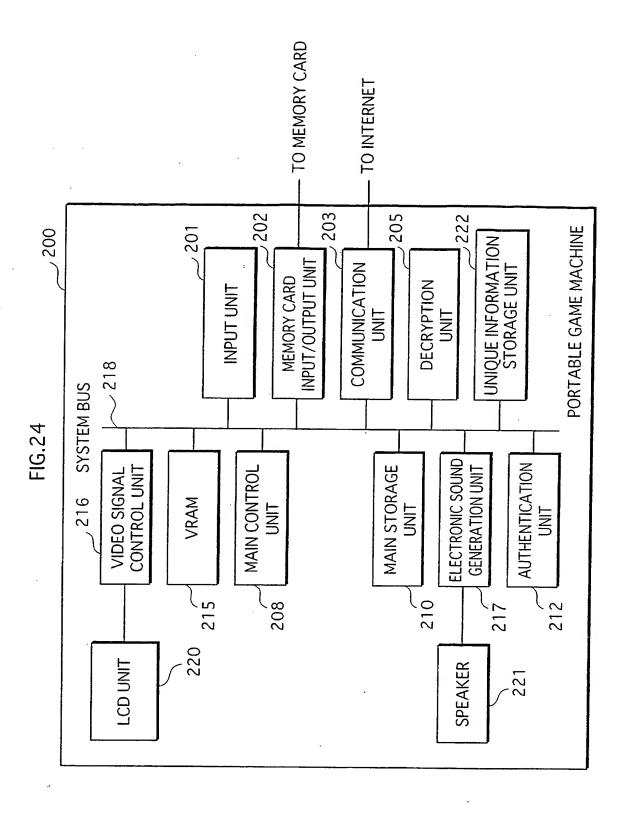
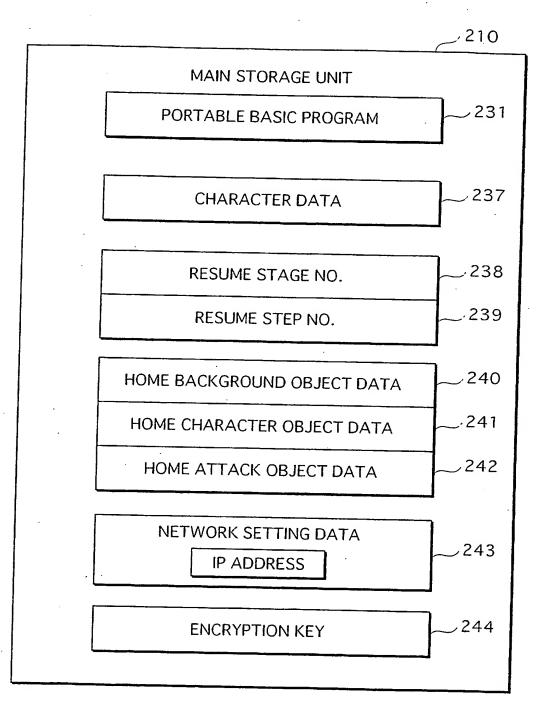


FIG.25



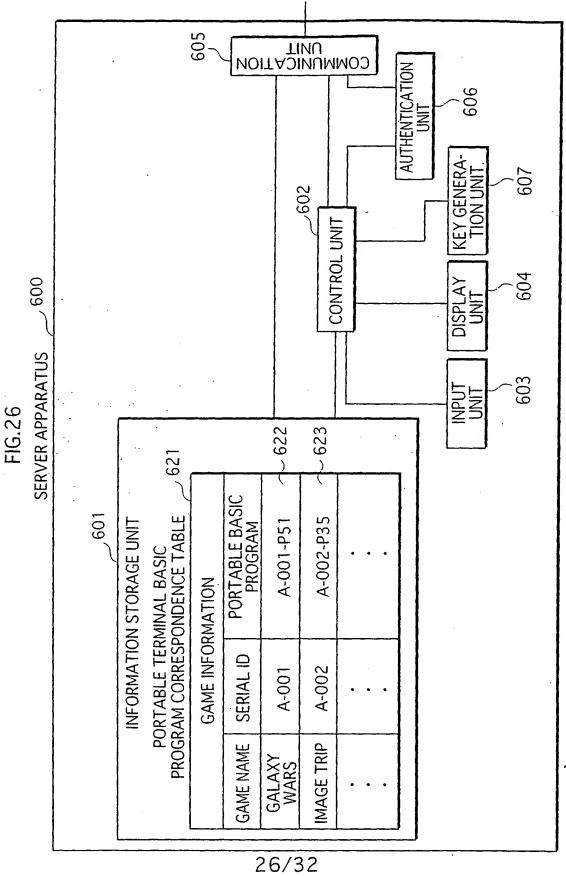
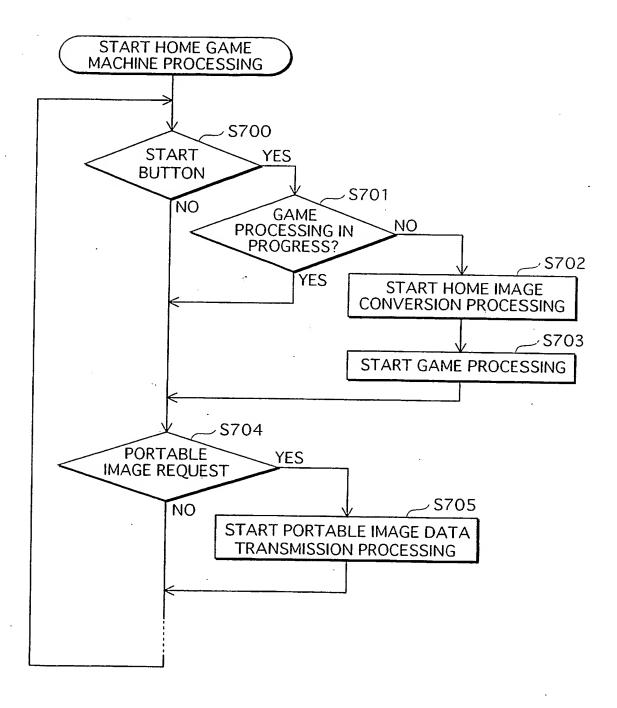


FIG.27



**FIG.28** 

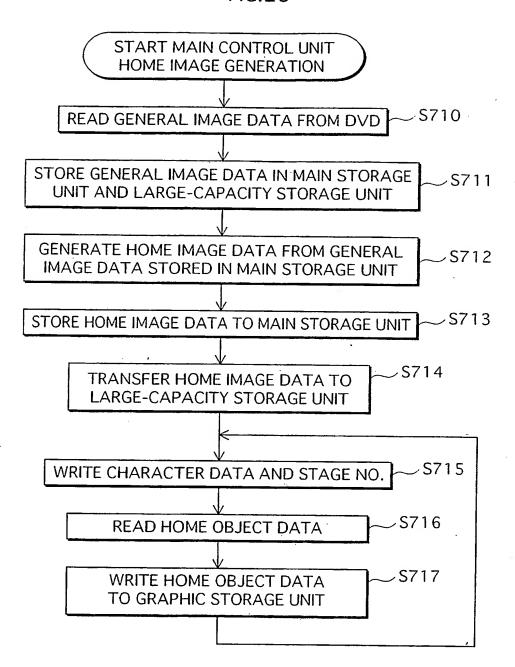
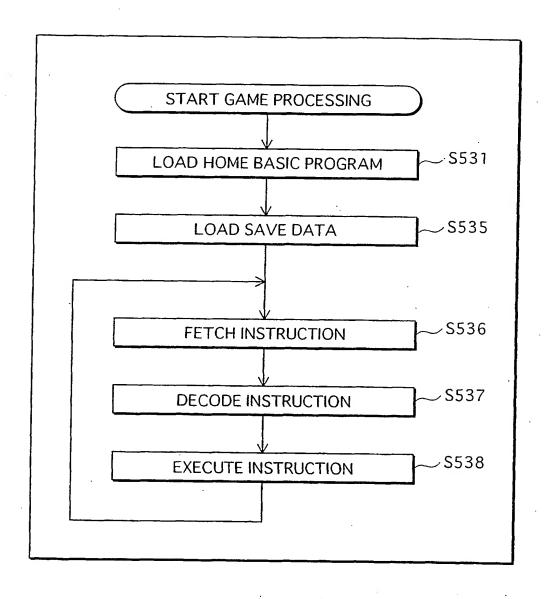
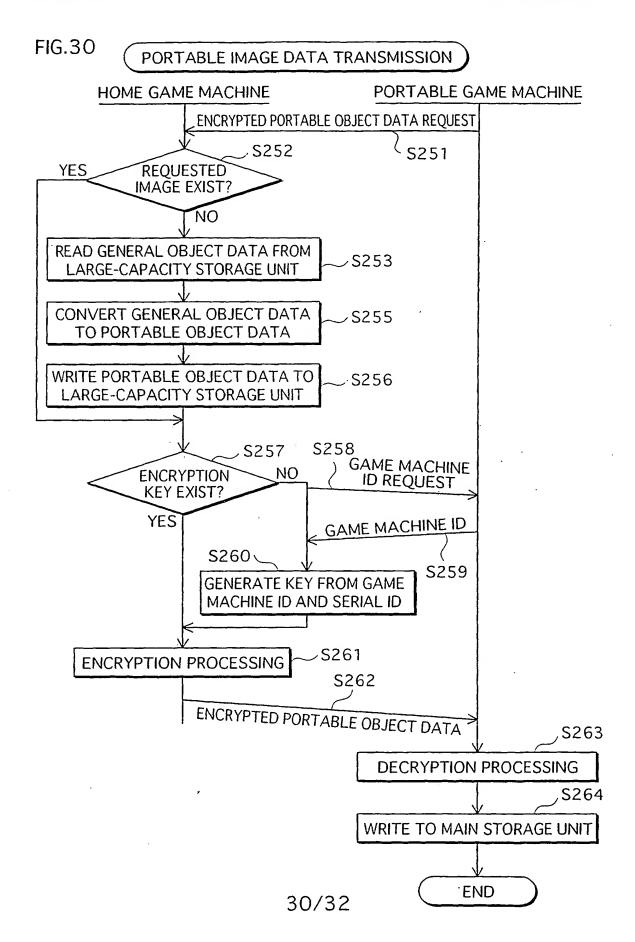
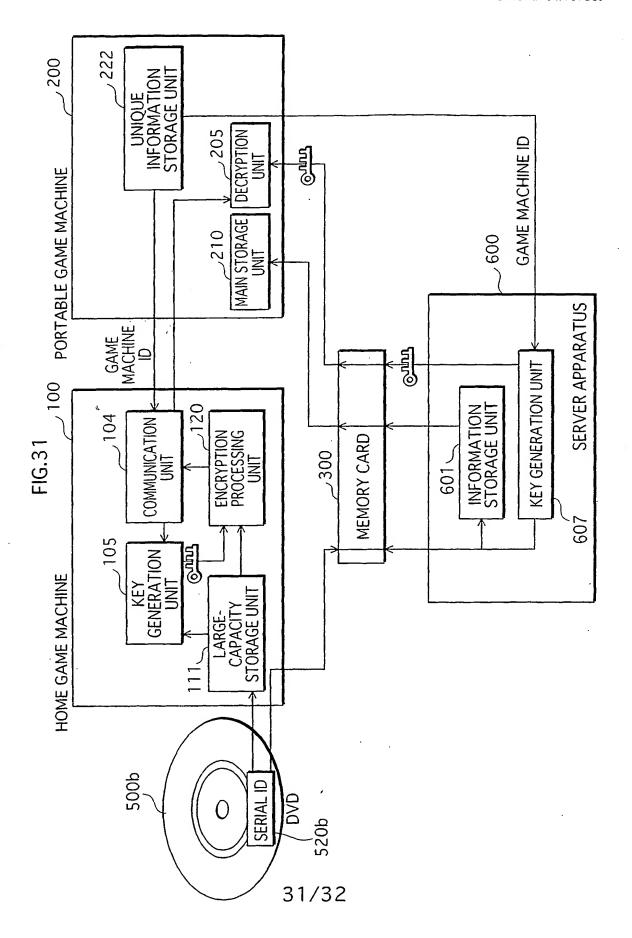
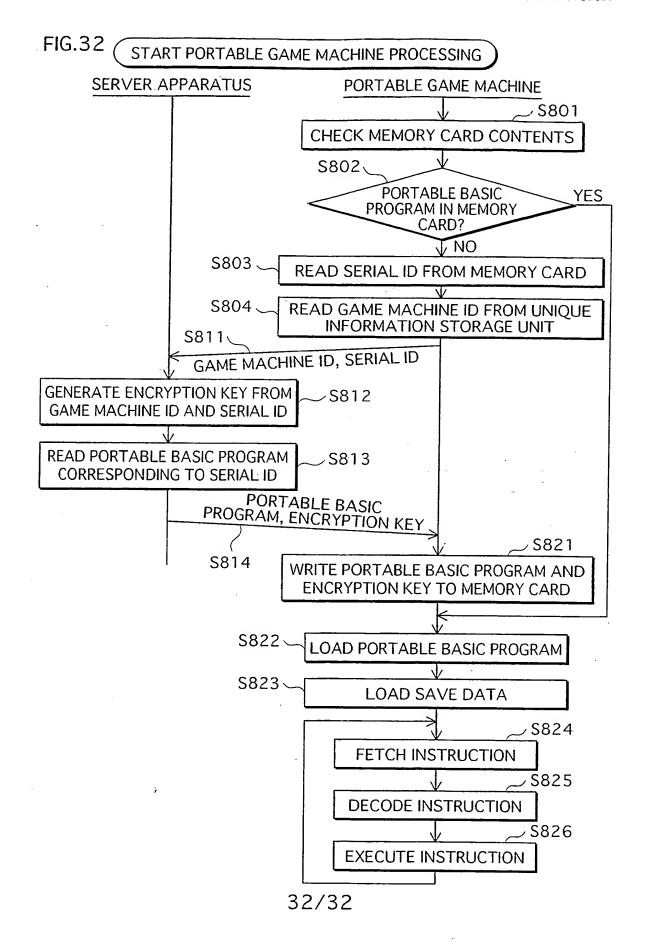


FIG.29









## INTERNATIONAL SEARCH REPORT

Intermional Application No PC7/JP2004/016189

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A63F13/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A63F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category "	Chation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
Y	US 2002/111216 A1 (TSUCHIYA KOJI ET AL) 15 August 2002 (2002-08-15)  paragraphs '0172! - '0183!; figures 15-18 paragraphs '0267! - '0285!	1,3,4,6, 9,11,12, 16,19-24
Y Y	EP 1 127 596 A (SONY COMP ENTERTAINMENT INC) 29 August 2001 (2001-08-29)  paragraphs '0004! - '0006! paragraphs '0054! - '0068!; figure 7	1,3,4,6, 9,11,12, 16,19-24 11,12
(	WO 00/06273 A (SONY COMP ENTERTAINMENT INC) 10 February 2000 (2000-02-10) page 39, line 25 - page 40, line 25; figure 10 page 42, line 20 - page 44, line 15	11,12

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Date of the actual completion of the international search  21 January 2005  Name and mailing address of the ISA	Date of mailing of the international search report  27/01/2005
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